



NoTouch Desktop Benefits for Healthcare IT

Stratodesk Whitepaper



Healthcare IT traditionally faces unique challenges deploying and managing virtual desktops throughout organizations. Strict regulations, budgets, and requirements to remain flexible and allow mobile workers and BYOD create significant challenges for Healthcare IT. Another challenge, and perhaps the greatest of these, is doing all of the above while also ensuring the highest security standards.

In the last 24 months alone, 17 million individuals have been affected by cyber security breaches into Healthcare providers. In fact, Healthcare is the most commonly targeted industry, where 90% of companies have already been breached by a cyber attack. As Healthcare providers turn from paper to computers, it becomes even more imperative for Healthcare providers to educate themselves on how to properly defend confidential information against those who would misuse it.

Unfortunately, given how busy Healthcare IT system administrators are today, it is far too difficult for them to manage the endpoint security of each of their devices without the right solution.

Proper care from a hospital depends greatly on how well system administrators are able to effectively manage their entire network of mixed endpoint devices, and deliver virtual desktops, applications and patient information to their end users in a convenient and expedient way. For this reason, Healthcare providers cannot afford to overlook this important aspect of their VDI. Endpoint management can, for better or for worse, have a disproportionate impact on the overall well being of not only day-to-day operations, but also on patients' lives.

Amidst the horizon of rapidly growing demands on time and budget, providers must seek out better ways to manage their environments, to cut back strain on staff, especially system admins who are left with more work than they could possibly achieve alone, while at the same time ensuring the highest grade of security.

For this reason, Stratodesk partners with Imprivata to bring a greater level of efficiency, convenience and security to your VDI, endpoints, and organization. Stratodesk's NoTouch software is Linux based, runs on any hardware (PCs, Laptops, Thin Clients, ARM), and fully supports Imprivata Single Sign-On to deliver the most complete OS and management solution to endpoints.

This paper seeks to explore effective strategies that cut costs while increasing security, performance and solve other challenges facing IT system administrators in managing and controlling their network of endpoint devices. Also discussed is how NoTouch Desktop's product suite can proactively help providers achieve their goals.

Summary of Challenges Facing Healthcare IT

As processes and procedures change and evolve thanks to technology, Healthcare and many other industries face significant changes and challenges in their day-to-day operations. Healthcare overall, however, is feeling the change as strongly, if not more strongly, as any other industry. As legislature changes, security concerns heighten, and technologies evolve, many healthcare professionals struggle to feel certain about anything when it comes to their day-to-day work.

IT systems admins in particular feel these pains as they struggle to find a balanced approach to endpoint management. Their first obstacle is overcoming the Windows issue. In order to allow for VDI, Healthcare organizations must house Windows on each of their endpoint devices. In addition to installing Windows, they must also maintain and manage them. Not to mention they must also provide antivirus and malware protection for each and every device. To make things worse, different devices house different versions of Windows, so standardizing these devices can be a huge challenge. The costs associated with all of

the above is high and poses a significant difficulty.

Another struggle facing IT administrators is that of security. The key concern for Healthcare IT, system admins must not only increase security but must ensure that they are compliant with HIPAA regulations that dictate precisely what can and cannot be done with patient information. And yet, Healthcare professionals must be able to quickly and conveniently access this information on the go, whenever and wherever they need it. This causes great concern for IT administrators who now have an equally high demand put not only on budget and security, but also on convenience.

Convenience is the third point, and cannot be stressed enough. Without an endpoint solution in place that is convenient and offers a seamless user experience, Healthcare staff cannot function. In a Healthcare setting, technology that saves seconds is of paramount importance. Healthcare demands a solution that is as effective as it is secure, and as affordable as it is convenient.

Stratodesk and its NoTouch Product Suite Overview

NoTouch Desktop helps Healthcare VDI boost security through the low footprint, thin operating system, NoTouch OS, and saves healthcare professionals' time by supporting Imprivata Single Sign-On. By cutting costs, eliminating hassle, standardizing endpoints, and maximizing on security, NoTouch is the the solution of choice for Healthcare IT.

NoTouch revolutionizes endpoint computing, elevates your workspace, automates management processes, and allows tens of thousands of devices to be managed from one central location. Additionally, NoTouch is the only endpoint management software that can be run on premises or from the cloud, which makes it the perfect solution for VDI and DaaS.

Stratodesk supports third party Healthcare critical integrations, including Imprivata Single Sign-On. Our integration of Imprivata is one of the most complete on the market. Through our hassle free end user experience and Imprivata support, Stratodesk offers a complete solution for security, budget and management concerns facing complex environments in a healthcare setting.

The key benefits of NoTouch Desktop and how NoTouch solves major concerns facing Healthcare IT are as follows:

NoTouch Desktop Saves on Costs

As previously stated, NoTouch comes with significant savings benefits. NoTouch Desktop provides a solution that easily repurposes PCs, Laptops and Thin Clients in your Healthcare VDI into NoTouch endpoints, operating on NoTouch OS. For Healthcare VDI, the implications can be massive. Not only does NoTouch OS save money by eliminating the need for capital purchases of hardware while eliminating common security threats, our integrated

management suite, NoTouch Center, gives complete control over all VDI endpoints. Reduce IT staff hours and hassle with a single endpoint management solution for your entire VDI.

NoTouch Desktop Removes the Need to House Windows Locally on Endpoint Devices

NoTouch OS replaces the need to have Windows installed on local devices. In most cases, NoTouch OS is installed directly onto the device's hard drive. For evaluation purposes or in a BYOD environment, NoTouch can be booted live from a USB without touching the underlying OS. For diskless deployments NoTouch can be network booted with the integrated PXE server in the management VA.

NoTouch Desktop Enables BYOD for Healthcare VDI

Another common concern facing Healthcare IT is the growing trend of employees bringing personal devices into the workplace, or using their personal devices to work from home. Employees want and expect to perform integral work tasks on personal devices, either at home, in the office, or on the go. Stratodesk's software supports BYOD to meet your business needs without opening up security threats. Workers can simply boot NoTouch OS in Live

Mode from a USB stick in order to access important work files wherever they are at. When they are done, they can exit their session and remove the USB stick. Native operating system won't be affected.

NoTouch OS Increases Security

NoTouch OS installs directly onto all of your hardware, bare metal, transforming your devices into high performing thin endpoints. Cancel your malware and antivirus contracts and save money –because NoTouch OS is Linux based, it is impervious to common malware or security exploits.

Fast User Switching (FUS) and Fingerprint Authentication

Hospital staff need a flexible and secure end user experience. Always busy and on the go, they have unique demands around mobility, and their need to access their own session on multiple different workstations. Because saving time is priceless for hospitals, Stratodesk has partnered with Imprivata to bring Single Sign-On features to your NoTouch ecosystem. By supporting Single-Sign-On, Fingerprint authentication, and Fast User Switching, NoTouch Desktop ensures the safety and efficiency of your Healthcare VDI.

Connects to All VDI Environments

NoTouch OS also has the clients for all major environments prebuilt into the OS. This means whatever environment you or your solution provider are using, NoTouch is ready and able to make the connection without any effort needed from your IT staff or end users.



About Stratodesk

Stratodesk is the world's leading endpoint OS and management solution. It is used by government and healthcare organizations, banks, SMBs and large enterprises to eliminate cost and scalability obstacles facing their complex network of devices. By delivering the only management software for mixed environments of x86, ARM and Raspberry Pi devices, Stratodesk is reinventing endpoint computing for enterprise IoT and VDI. Our cutting edge, linux-based solution, NoTouch, is hardware-agnostic and runs on the Raspberry Pi.

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